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Jonathan M. Blanchard, Reg. No. 48,927

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Our Case No.: 10907-15

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert Elghanian et al.

Serial No.: 09/928,250

Filing Date: August 9, 2001

For: THE USE AND EVALUATION OF A [2+2]
PHOTOCYCLOADDITION IN
IMMOBILIZATION OF
OLIGONUCLEOTIDES ON A THREE-
DIMENSIONAL HYDROGEL MATRIX

Examiner: To be assigned

Group Art Unit No.: 1645

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination on the merits, Applicants request entry of the following amendments. These amendments do not introduce new matter into the application, but correct clerical and printing errors. Applicants submit that the application is now ready

for examination on the merits. The Examiner is requested to direct any questions regarding this amendment to the undersigned attorney at (312) 321-4898.

In the Specification:

Please replace the title on page 1 of the specification with the following title:

USE AND EVALUATION OF A [2+2] PHOTOADDITION IN IMMOBILIZATION OF OLIGONUCLEOTIDES ON A THREE-DIMENSIONAL HYDROGEL MATRIX

Please replace the Abstract, paragraph [0064] on page 32, with the following paragraph:

[0064] [2+2] photo-attachable functional groups were incorporated in polyacrylamide based hydrogels and synthetic oligonucleotide probes. The probes were photochemically attached by covalent bonding to the three dimensional surface of a hydrogel.

Respectfully submitted,



Jonathan M. Blanchard, Ph.D.
Registration No. 48,927
Agent for Applicants

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APPENDIX

Changes to the Title:

~~THE USE AND EVALUATION OF A [2+2]PHOTOCYCLOADDITION IN~~
IMMOBILIZATION OF OLIGONUCLEOTIDES ON A THREE-DIMENSIONAL
HYDROGEL MATRIX

Changes to the Abstract paragraph [0064] on page 32.

[0064] [2+2] photo-attachable functional groups were incorporated in polyacrylamide based hydrogels and synthetic oligonucleotide probes. The probes were photochemically attached by covalent bonding to the three dimensional surface of a hydrogel. ~~The resultant hydrogel microarrays were used f~~